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C L A I M S

1. System for use in a bore hole, such as a well bore, for axially coupling a tubular end with a mandrel, the system comprising a tubular end, a mandrel for inserting into the tubular end in axial alignment thereof, thereby
5 forming an annular space between the tubular end and the mandrel, and a connecting assembly that at least partly reaches in the annular space and that comprises two or more transmission units each being arranged for axially coupling the tubular end with the mandrel, wherein the
10 transmission units each comprise a first fixture element, a second fixture element, and spacer means for maintaining an axial displacement between the first fixture element and the second fixture element, whereby the first fixture element is axially connectable to an
15 inner surface of the tubular end and the second fixture element is axially connectable with the mandrel.
2. System according to claim 1, wherein the two or more transmission units are interconnected so as to form a string of interconnected transmission units.
- 20 3. System according to claim 1 or 2, wherein the spacer means comprises adjustment means for adjusting the axial displacement.
4. System according to claim 3, wherein the adjustment means comprises a thread connection defining a thread
25 path essentially coaxial to the mandrel.
5. System according to any one of claims 1 to 4, wherein the spacer means comprises resilient means for providing axial resilience to the tubular ends when coupled.
6. System of claim 5, wherein the resilient means in at
30 least one of the transmission units has a lower stiffness

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than the resilient means in another one of the transmission units.

7. System according to any one of claims 1 to 6, further comprising first locking means for establishing a
5 releasable axial coupling between the first fixture element and an inner surface of the tubular end.

8. System according to any one of claims 1 to 7, further comprising second locking means for axially releasably
10 locking the second fixture element on an outer surface of the mandrel.

9. System according to claim 8, wherein the second locking means is controllably lockable and releasable.

10. System according to claim 8, wherein the second locking means is controllably lockable and releasable by
15 relative rotation of the second fixture element and the mandrel about the alignment axis.

11. System according to claim 9 or 10, wherein the second locking means comprises at least one couple of
20 cooperating locking rim segments, one locking rim segment of which couple being provided on a locking portion of the mandrel and one locking rim segment of which couple being provided on the second fixture element.

12. System according to any one of claims 1 to 11, wherein the spacer means comprises a bearing element
25 cooperating with a bearing race supporting the bearing element in a plane perpendicular to the alignment axis, whereby the first fixture element is rotatable with respect to the second fixture element about the alignment axis.

13. System according to any one of claims 1 to 12, wherein the tubular end is a first tubular end and the
30 mandrel is a second tubular end.

14. Connecting assembly for coupling two tubular ends in axial alignment for use in a well bore in accordance with

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the connecting assembly as defined in any one of the previous claims.